

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12838

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B65B25/00 B65B25/16 B65B31/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 005 980 A (JOULIN G) 2 May 1979 (1979-05-02) page 2, line 77 - line 101; figure 1 ---	1,8
X	GB 1 568 220 A (JOULIN G) 29 May 1980 (1980-05-29) the whole document ---	1,8
A	FR 1 337 932 A (MAYER & CO INC O) 20 September 1963 (1963-09-20) the whole document ---	2,6,7,9, 13,14
A	EP 0 368 116 A (VALLE SPLUGA SPA) 16 May 1990 (1990-05-16) the whole document --- -/--	1-14

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

14 April 2004

Date of mailing of the international search report

21/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Vigilante, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12838

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 659 393 A (RICHTER JOSEPH) 2 May 1972 (1972-05-02) the whole document ----	1-14
A	FR 2 815 013 A (METRAS SA) 12 April 2002 (2002-04-12) the whole document ----	1-14
P,A	EP 1 279 600 A (CRYOVAC INC) 29 January 2003 (2003-01-29) the whole document ----	1-14
A	US 3 545 175 A (LILLUND NILS A) 8 December 1970 (1970-12-08) the whole document -----	2,9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/12838

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2005980	A	02-05-1979	FR 2406392 A1	18-05-1979
			AU 525988 B2	09-12-1982
			AU 4065078 A	17-04-1980
			BE 871229 A1	01-02-1979
			CA 1117814 A1	09-02-1982
			CH 635482 A5	15-04-1983
			DE 2819752 A1	26-04-1979
			ES 474819 A1	01-04-1979
			IT 1099418 B	18-09-1985
			JP 54101454 A	10-08-1979
			LU 80357 A1	29-10-1979
			NL 7810546 A	24-04-1979
			ZA 7805874 A	26-09-1979
GB 1568220	A	29-05-1980	FR 2335401 A1	15-07-1977
			BE 849334 A1	01-04-1977
			CH 605279 A5	29-09-1978
			ES 454197 A1	01-12-1977
			IT 1065987 B	04-03-1985
FR 1337932	A	20-09-1963	NL 282526 A	
EP 0368116	A	16-05-1990	IT 1229323 B	08-08-1991
			IT 1227469 B	11-04-1991
			AT 84757 T	15-02-1993
			AU 622236 B2	02-04-1992
			AU 4455489 A	31-05-1990
			BR 8905725 A	05-06-1990
			CA 2002411 A1	08-05-1990
			DD 294223 A5	26-09-1991
			DE 68904526 D1	04-03-1993
			DE 68904526 T2	03-06-1993
			DK 107190 A	04-11-1990
			EP 0368116 A1	16-05-1990
			ES 2037371 T3	16-06-1993
			FI 90224 B	30-09-1993
			GR 3007200 T3	30-07-1993
			HU 55609 A2	28-06-1991
			IE 65522 B1	01-11-1995
			NO 901961 A	05-11-1990
			NZ 231274 A	25-09-1991
			PL 285038 A1	14-01-1991
			US 5731023 A	24-03-1998
			US 5737905 A	14-04-1998
US 3659393	A	02-05-1972	NONE	
FR 2815013	A	12-04-2002	FR 2815013 A1	12-04-2002
EP 1279600	A	29-01-2003	EP 1279600 A1	29-01-2003
US 3545175	A	08-12-1970	NONE	